JUN 29 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Nam-Yul YU et al. : Group Art Unit: 2112

Serial No.: 10/563,216 : Examiner: Shelly A. Chase

Filed: January 4, 2006 :

FOR: Method for Encoding Low-Density Parity Check Code :

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmits copies

of the documents listed in the attached Form PTO-SB08, which may be deemed material to the

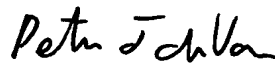examination of the above-identified application.

The listed documents were cited in a European Search Report dated March 30, 2007

in the European Application 04793492.2-2223 related to the above-identified U.S. Patent

Application Serial No. 10/563,216. For the Examiner's convenience, a copy of the European

Search Report is attached.

The listed documents are either in English or include an English abstract, and

therefore, no statement of relevance is required. Also, since the present Information

Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no

certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-SB08 to the Applicants with the Examiner's initials in the spaces provided

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,

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Dated: June 29, 2007

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number — Number-Kind Code *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publishers, city and/or country where published	T
	1.	HOCEVAR, Dale E. "LDPC Code Construction with Flexible Hardware Implementation" ICC 2003. 2003 IEEE International Conference on Communications. Anchorage, AK, May 11-15, 2003; *IEEE International Conference on Communications,* New York, NY, Vol. 1 of 5, 11 May 2003, pages 2708-2712.	
	2.	ECHARD, R. et al. "Deterministic π-rotation Low Density Parity Check Codes" *Electronics Letters, IEE* Stevenage, GB, Vol. 38, No. 10, 9 May 2002, pages 464-465.	
	3.	ECHARD, Rich et al. "Irregular π-rotation LDPC Codes" Globecom '02. 2002 – *IEEE Global Telecommunications Conference.* Conference Proceedings. Taipei, Taiwan, Nov.17-21, 2002, *IEEE Global Telecommunications Conference,* New York, NY, Vol. 1 of 3, 17 November 2002, pages 1274-1278.	
	4.	YI, Yu et al. "Design of Semi-Algebraic Low-Density Parity-Check (SA-LDPC) Codes for Multilevel Coded Modulation" Parallel and Distributed Computing, Applications and Technologies, 2003. PDCAT 2003. Proceedings of the Fourth International Conference on Aug 27-29, 2003, Piscataway, NJ, USA, IEEE, 27 August 2003, pages 931-934.	
	5.	HALEY, David et al. "Iterative Encoding of Low-Density Parity-Check Codes" Globecom '02. 2002 – *IEEE Global Telecommunications Conference.* Conference Proceedings. Taipei, Taiwan, Nov.17-21, 2002, *IEEE Global Telecommunications Conference,* New York, NY, Vol. 1 of 3, 17 November 2002, pages 1289-1293.	

Examiner Signature		Date Considered	